Contents of Volume 30

No. 1

Announcement from the Publisher v

M. Troxler, L. Pasamontes, D. Egger and K. Bienz (Switzerland)
In situ hybridization for light and electron microscopy: a comparison of methods for the localization of viral RNA using biotinylated DNA and RNA probes 1

A.M. Wade-Evans, P.P.C. Mertens and C.J. Bostock (U.K.)
Development of the polymerase chain reaction for the detection of bluetongue virus in tissue samples 15

D.R. Harper, K. Ming-Liu and H.O. Kangro (U.K.)
Protein blotting: ten years on 25

V. Deubel, M. Laille, J.-P. Hugnot, E. Chungue, J.-L. Guesdon, M.T. Drouet, S. Bassot and D. Chevrier (France, New Caledonia, Tahiti)
Identification of dengue sequences by genomic amplification: rapid diagnosis of dengue virus serotypes in peripheral blood 41

T.C. Mettenleiter and I. Rauh (F.R.G.)
A glycoprotein gX-β-galactosidase fusion gene as insertional marker for rapid identification of pseudorabies virus mutants 55

R.L. Saltzman, M.R. Quirk, C.N. Mariash and M.C. Jordan (U.S.A.)
Quantitation of cytomegalovirus DNA by blot hybridization in blood leukocytes of viremic patients 67

J. Ban, E. Gieciova, O. Orlik and C. Altaner (Czechoslovakia)
Use of monoclonal antibodies in an ELISA for the diagnosis of bovine leukaemia virus infection 79

S. Cox, U. Rudén, K. Nagy, J. Albert, V. Holmberg, E. Sandström and B. Wahren (Sweden, Hungary)
Serum levels and catabolism of 3′-azido-3′deoxythymidine in vivo measured using a specific radioimmunoassay 89

G. Bushar and J.-L. Sagripanti (U.S.A.)
Method for improving accuracy of virus titration: standardization of plaque assay for Junin virus 99

J. Povolotsky, J.W.M. Gold, P. Darminin, N. Chein, P. Baron and D. Armstrong (U.S.A.)
An ELISA-inhibition assay for antibody to human immunodeficiency virus core antigen (p240 109

C. Bruce, P. Chadwick and W. Al-Nakib (U.K., Kuwait)
Detection of rhinovirus RNA in nasal epithelial cells by in situ hybridization 115

C. Żekanowski, M. Wełnicki, J. Skrzeczkowski and W. Zagórski (Poland)
Detection of potato spindle tuber viroid (PSTV) in dormant potato tubers by concatameric cDNA probe (Short Communication) 127

No. 2

Announcement from the Publisher 131

E.D. Chrinside and W.J.M. Spaan (The Netherrlands)
Reverse transcription and cDNA amplification by the polymerase chain reaction of equine arteritis virus (EAV) 133

G. Agius, V. Kolesnitchenko, R. Snart, J.F. Zagury, K. Laaroubi and D. Zagury (France)
Variable stringency hybridization of polymerase chain reaction amplified HIV-1 DNA fragments 141

M.P. Langford and R. Kaiwar (U.S.A.)
An assay for the detection of interferon dependent and interferon independent antibody activities 151

T. Wetzel, G. Tavert, P.Y. Teycheney, M. Ravelonandro, T. Candresse and J. Dunez (France)
Dot hybridization detection of plum pox virus using ^{32}P-labeled RNA probes representing non-structural viral protein genes 161

W.C. Wilson (U.S.A.)
Development and optimization of a hybridization assay for epizootic hemorrhagic disease viruses 173

N.P. Ferris, R.M. Philpot, J.M. Oxtoby and R.M. Armstrong (U.K.)
Freeze-drying foot-and-mouth disease virus antigens. II. For use in the ELISA 183

R. Killough, P.E. Klapper, A.S. Bailey, I.R. Sharp, A. Tullo and S.J. Richmond (U.K.)
An immune dot-blot technique for the diagnosis of ocular adenovirus infection 197

T. Hase, P.L. Summers and Prabhati Ray (U.S.A.)
Entry and replication of Japanese encephalitis virus in cultured neurogenic cells 205

C. Vandenvelde, M. Verstraete and D. Van Beers (Belgium)
Fast multiplex polymerase chain reaction on boiled clinical samples for rapid viral diagnosis 215

Corrigendum 229

No. 3

Announcement from the Publisher 231

B.J. Cohen, A.M. Field, S. Gudnadottir, S. Bearn and J.A.J. Barbara (U.K.)
Blood donor screening for parvovirus B19 233

A.L.N. Rao, C.C. Huntley, L.E. Marsh and T.C. Hall (U.S.A.)
Analysis of RNA stability and (–) strand content in viral infections using biotinylated RNA probes 239

M.W. Shirley, D.J. Kemp, M. Sheppard and K.J. Fahey (Australia)
Detection of DNA from infectious laryngotracheitis virus by colourimetric analysis of polymerase chain reactions 251

A. Hadidi and X. Yang (U.S.A.)
Detection of pome fruit viroids by enzymatic cDNA amplification 261

A. Ahoonmanesh, M.R. Hajimorad, B.J. Ingham and R.I.B. Francki (Australia)
Indirect double antibody sandwich ELISA for detecting alfalfa mosaic virus in aphids after short probes on infected plants 271

M. Verdier, G. Leonard, A. Sangare, M. Prince-Davis, J. Bonis, F. Barin and F. Denis (France)
Confirmatory tests for human T-cell leukemia virus type 1 (HTLV-1): Western blot compared with RIPA on African sera 283

V.K. Ward, A.C. Marriott, T.F. Booth, A.A. El-Ghorr and P.A. Nutall (U.K.)
Detection of an arborivus in an invertebrate and a vertebrate host using the polymerase chain reaction 291

G.S. James and M.J. Cloonan (Australia)
Demonstration of antigenic variation among isolates of human cytomegalovirus using monoclonal antibodies and indirect ELISA 301

A. Gerritzen and B. Scholt (F.R.G.)
A nonradioactive riboprobe assay for the detection of hepatitis B virus DNA in human sera 311

W. Jilg, E. Sieger, P. Alliger and H. Wolf (F.R.G.)
Identification of type A and B isolates of Epstein-Barr virus by polymerase chain reaction (Short Communication) 319

A.K.I. Falconar and P.R. Young (Australia)
Immunoaffinity purification of native dimer forms of the flavivirus non-structural glycoproteinm NS1 (Short Communication) 329

E.Y. Cheung, S.I. Hnatko, H. Gunning and R. Thomas (Canada)
Evaluation of combined commercial enzymelinked immunosorbent assay fordetection rota and adenoviruses for automation (Short Communication) 333

D.J. Morris, P.E. Klapper, E. Crosdale and J. White (U.K.)
Screening of bone marrow and kidney transplant donors and recipients forcytomegalorivus antibody by commercial latex agglunation or competitive enzyme-linked immunosorbent assays (Short Communication) 339

Contents of Volume 30 343

Author Index 347

Subject Index 350